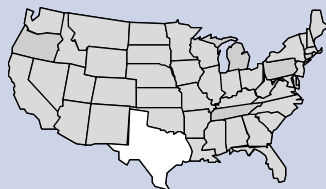


Economic Investments in Texas



Office of Building Technology, State and Community Programs (BTS)

BTS works with partners in the private and non-profit sectors and in state and local governments to make the nation's residential and commercial building stock more energy-efficient, comfortable, affordable, and sustainable.

The mission of DOE's Office of Energy Efficiency and Renewable Energy is to promote a strong economy, cleaner environment, and more secure future through the development and deployment of energy efficient and renewable energy technologies.



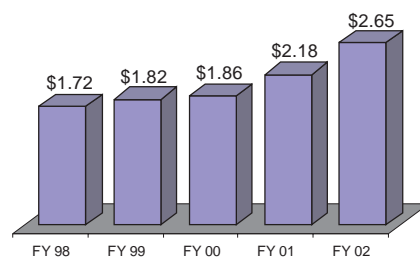
BTS invested a total of \$14.4 million in Texas in Fiscal Years 2001 and 2002



The Texas State Energy Conservation Office in Austin, through the State Energy Program (SEP), received

\$2,182,000 in FY 2001 and \$2,653,000 in FY 2002 for a variety of activities including implementation of the State Energy Plan, improving State Building Energy Codes, and providing public education and awareness efforts (e.g., hotlines, publications, and training).

Texas State Energy Program
(millions of dollars)



Rebuild Austin, Rebuild Kingsville, and Rebuild Texas, along with 31 other community partners received technical assistance from the Rebuild America program valued at a combined total of \$680,000 in FY 2002. This program accelerates energy efficiency improvements in existing commercial, institutional and multifamily residential buildings through private-public partnerships created at the community level. It also assists with business planning, technical product development, marketing, workshops, and training for its partners.



Texas A & M University received \$499,000 in FY 1997 for a 3-5 year project in conjunction with the Rebuild America program in the **Brazos Valley**. This project focuses on monitoring and verification of expanding successful retrofit approaches started under the Lone Star program.



As part of the Building America program, **Medallion Homes** of **San Antonio** and **Doyle Wilson Homebuilder** of **Austin** received \$20,000 of technical assistance in FY 2002 through the Integrated Building and Construction Solutions (IBACOS) consortium. **Beazer Homes** of **Houston** as well as **Palm Harbor Homes** and **Mercedes Homes** of **Dallas** received technical assistance valued at \$140,000 in FY 2002 through the Consortium for Advanced Residential Buildings (CARB). **Pulte Homes** of **Houston** as well as **Medallion Homes** and **Ryland Homes** of **San Antonio** received technical assistance from the Building Science Consortium (BSC) valued at \$150,000 in FY 2002. Building America is an industry-driven program helping to stimulate major changes in how residential buildings are designed, built, and delivered to the consumer. The program applies systems engineering in order to accelerate the adoption of building processes and technical innovations which result in energy efficient, environmentally sensitive, affordable, and adaptable residences on a community-wide scale. Three hundred of 390 planned homes are completed in this project.

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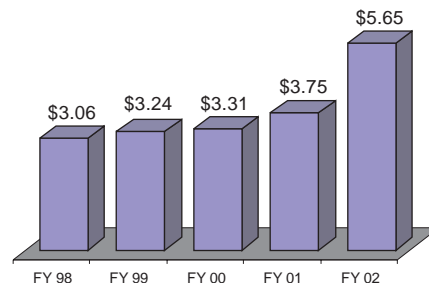
Office of Building Technology, State and Community Programs (BTS)

America's buildings — our homes, workplaces, and institutional buildings — consume roughly \$230 billion worth of energy each year. The average family spends about \$1,300 on home energy. Energy for buildings has environmental as well as economic implications: its production, distribution, and use affect our environment and health through the emission of carbon dioxide, sulfur dioxide and nitrogen oxides.



The **Weatherization Assistance Program**, through 42 local service providers (e.g., community action agencies) is working to increase energy efficiency and reduce the burden of energy costs to low-income Texas residents, especially households with elderly members, individuals with disabilities, and families with children. In FY 2001, Federal funding combined with leveraged state and local resources resulted in the weatherization of approximately 2,320 homes. In FY 2002, Texas was allocated \$5,645,264 in weatherization funding.

Texas Weatherization
(millions of dollars)



Through the SEP Special Projects Office of Codes and Standards, the **Texas State Energy Conservation Office** in **Austin** received \$190,000 in FY 2001 to provide training on the energy efficiency chapter of the IRC and the IECC for builders, city officials, architects, and engineers.



The **Wichita Falls Independent School District (ISD)** received \$80,000 in technical assistance in FY 2000 and was honored by Rebuild America for making energy improvements to 1.4 million square feet in the school district and realizing annual savings of \$293,000. In 1997, the school district, which represents 29 public schools—mainly pre-schools and kindergartens—began to identify energy equipment upgrades and improvements needed to increase efficiency and reduce costs. The school district worked with **Rebuild Texas** and **Texas A&M University's Energy Systems Laboratory** to upgrade lighting and HVAC systems and install energy management systems. The schools have also qualified for the **ENERGYSTAR®** Label for Buildings. Texas A&M is continuing to monitor the school district's energy performance.



Solar San Antonio received \$20,000 in technical assistance, to hold workshops for independent school districts (ISDs) to publicize success stories on new and improved school construction techniques in an effort to impact the usage of the hundreds of millions of dollars in school bonds available for new construction and retrofitting. Attendees at past workshops have included representatives from **Northside ISD**, **Southside ISD**, **Edgewood ISD**, **Harlandale ISD**, and the **Northeast ISD**. Representatives from **McKinney ISD** and **Austin ISD** serve as presenters speaking from practical experience, since both of these school districts have already built schools that are energy efficient and use environmental approaches that reduce annual operations and maintenance costs.